

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02182025-2	
Date: 2/13/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-036 - ROCKY RIVER BRIDGE - R91			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	Narrow vertical and pattern cracking with light efflorescence in wingwalls. Light erosion and discoloration to concrete of west footing, partially submerged east footing, and bottom of abutment faces. Narrow vertical cracks in faces of both abutments. Light spalling to NE corner of north abutment. Bearing and bearing seats appear in good condition (access restricted due to height).				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Narrow horizontal and pattern cracks in webs/flanges of both exterior girders. Small area of honeycombing in bottom flange in upstream girder #2. Narrow transverse cracks with light efflorescence and rust stains in west soffit above bearing seat. Narrow longitudinal cracks, medium abrasion, and disintegration to expansion joint dams. Expansion joint caulking in curbs completely deteriorated and seals blocked with sand.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	P3 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Narrow vertical and pattern cracking with medium efflorescence in deck curb and fascia above wingwalls. Numerous potholes in asphalt deck and adjacent to expansion joints dams. Top section of SE end block missing. Light scrapes and dents with rotting posts on approach/exit guiderail. Standard guiderail is attached to end blocks with two bolts and no end shoe attachment. Aluminum handrail in good condition with minor damage to rail/post at SE end. NE and SW hazard markers missing black diagonal lines. Curbs covered in snow during inspection.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Embankments covered in snow during inspection.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2027	Replacement Year:	2050		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install new waterproofing and asphalt on deck. Install new guiderail structures on approach/exit with hazard markers. Caulk expansion joint gaps and clean out seals. Repair concrete expansion joint dams.				
OBSERVATIONS					

Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	Original arch structure located 20 meters downstream from new structure. Salmon ladder and Tourist Chalet at West side downstream.		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.